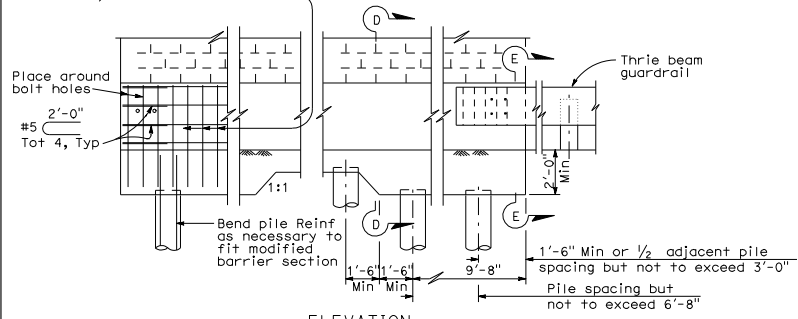
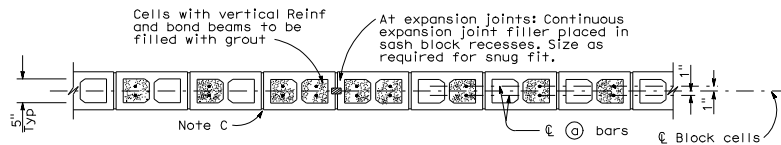


#5 @ 8 shown in Barrier Sections. For Reinf not shown, see Barrier Sections



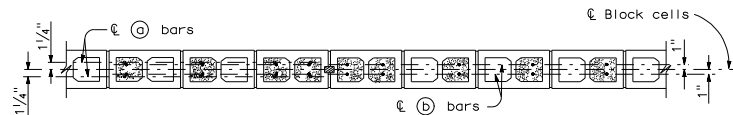
METAL BEAM GUARDRAIL ANCHORAGE

For details not shown, see Standard Plan B11-56.



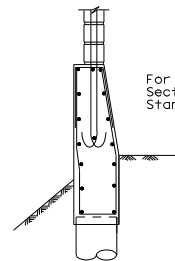
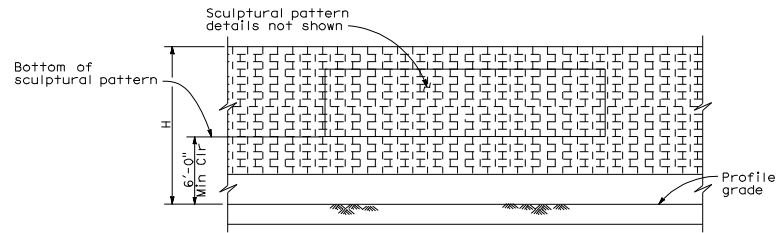
For details not shown, see other details.

H=6'-4" THRU H=10'-4"

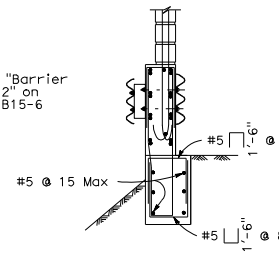


For details not shown, see other details.

H=12'-4" THRU H=16'-4"



For Reinf, see "Barrier Sections Case 2" on Standard plan B15-6



DESIGN NOTES:

DESIGN

Uniform Building Code, 1997 Edition and the Bridge Design Specifications.

DESIGN WIND LOAD

27 psf

REINFORCED CONCRETE

$f'_c = 3.6 \text{ ksi}$
 $f_y = 60 \text{ ksi}$

DESIGN SEISMIC LOAD

0.57 Dead load

CONCRETE MASONRY

REGULAR STRENGTH

$f'_m = 1500 \text{ psi}$
 $f_b = 495 \text{ psi}$
 $f_s = 24,000 \text{ psi}$
 $n = 25.8$

HIGH STRENGTH

$f'_m = 2000 \text{ psi}$ $f'_m = 2500 \text{ psi}$
 $f_b = 660 \text{ psi}$ $f_b = 830 \text{ psi}$
 $f_s = 24,000 \text{ psi}$ $f_s = 24,000 \text{ psi}$
 $n = 19.3$ $n = 15.5$

SOUND WALL MASONRY BLOCK ON TYPE 736S/SV BARRIER DETAILS (2)

NO SCALE

B15-7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

REGISTERED CIVIL ENGINEER

May 1, 2006

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site go to <http://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER

Douglas J. Dunne

No. C47240

Exp. 12-31-07

CIVIL

STATE OF CALIFORNIA